

Figure 1

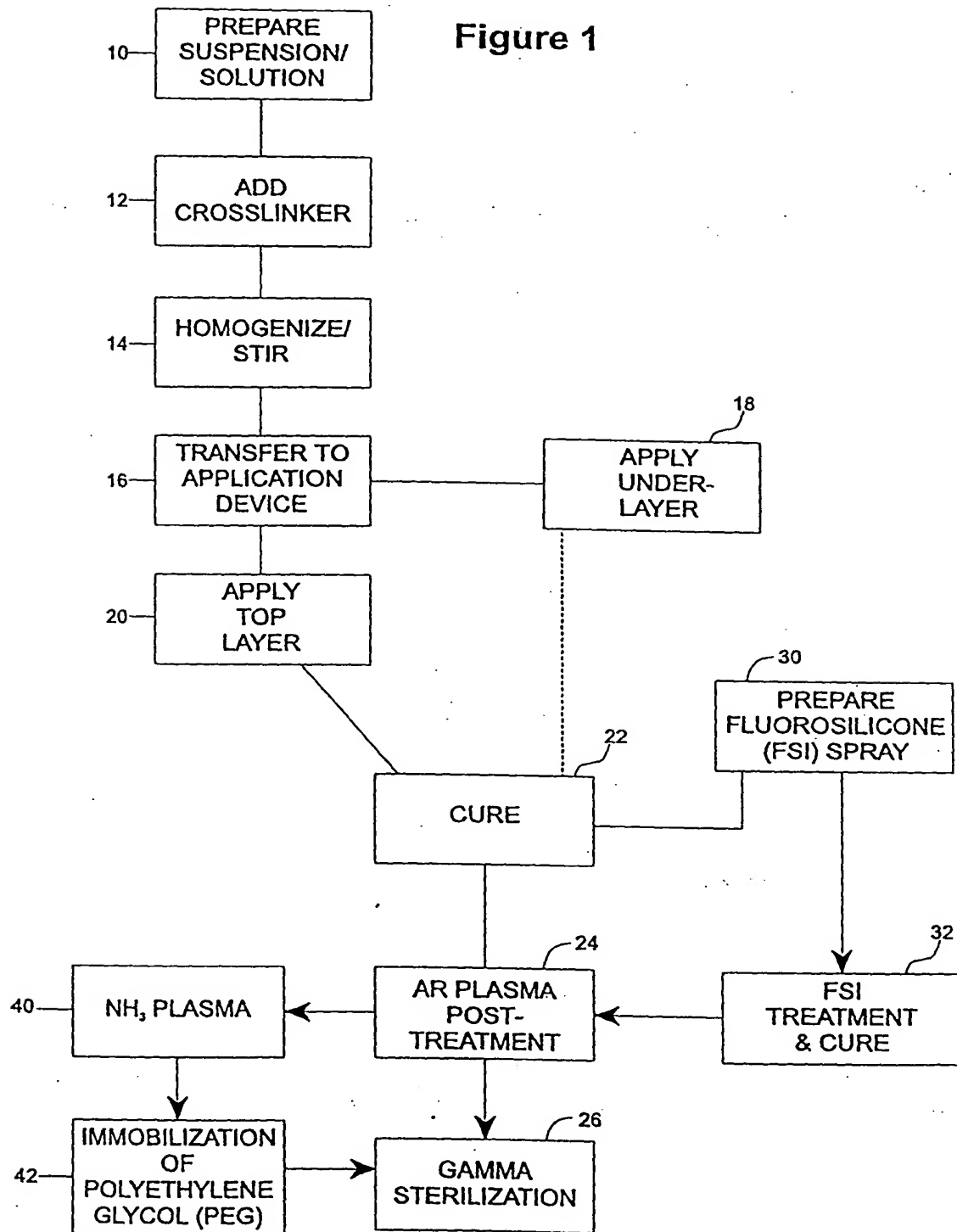
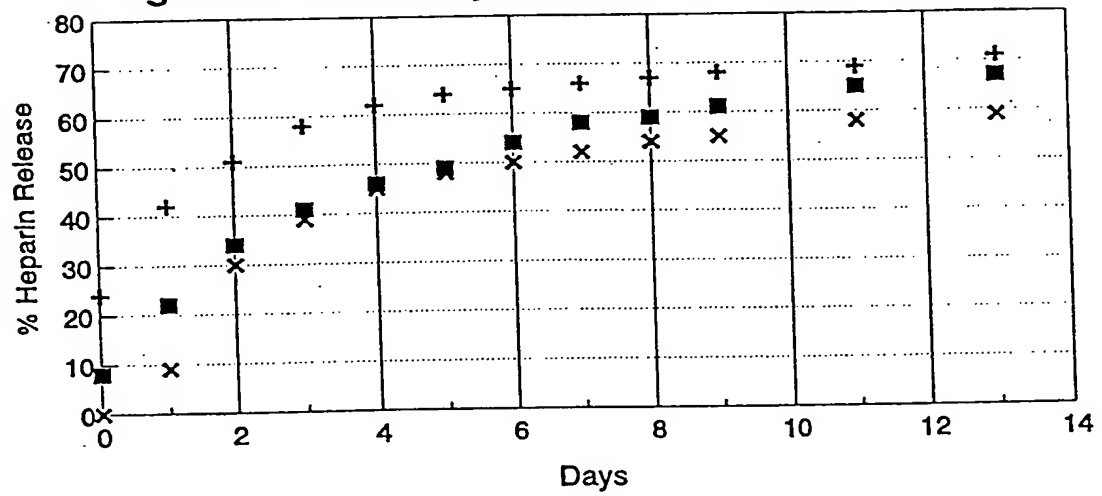
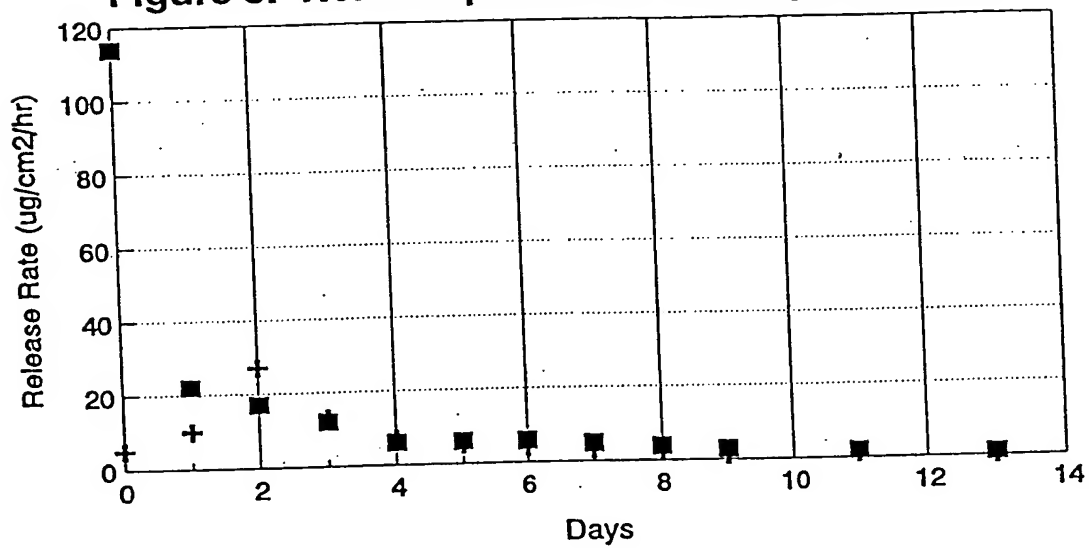


Figure 2. Release profile for multilayer system



- x Tie Layer = 37.5% Hep coating, top layer = silicone
- Tie Layer = 37.5% Hep coating, top layer = 16.7% Hep coating
- + Single Layer = 37.5% Hep coating

Figure 3. Release profile for multilayer system



- + Tie Layer = 37.5% Hep coating, top layer = silicone
- Tie Layer = 37.5% Hep coating, top layer = 16.7% Hep coating

Figure 4. Release kinetics for different drug loading at the similar coating thickness

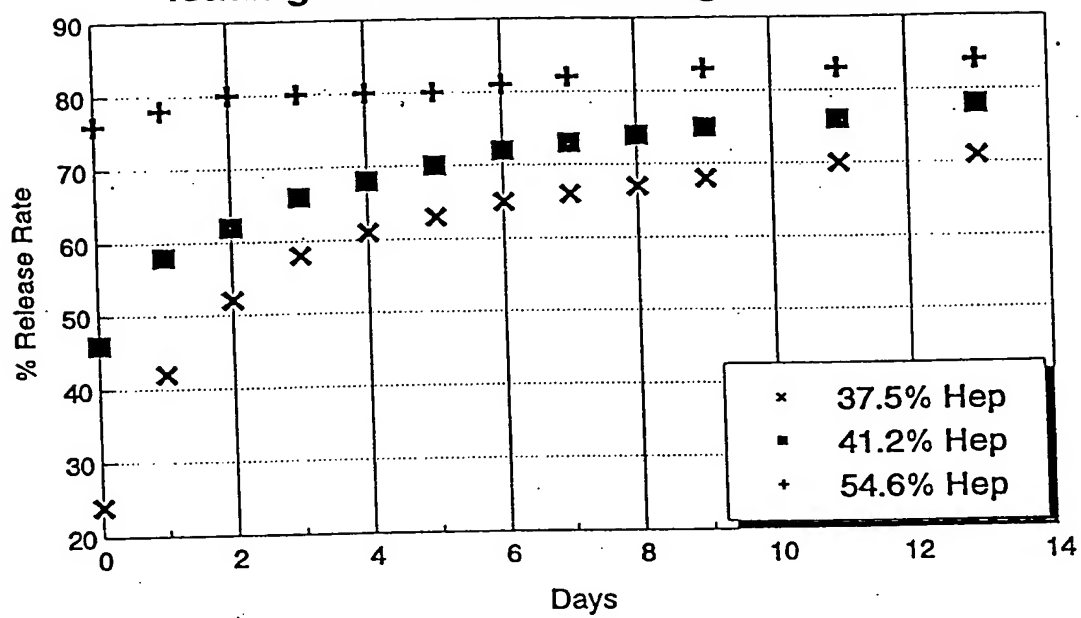


Figure 5. Drug elution kinetics at different coating thickness (A ~ 10-15 μ m). Drug loading = 41.1%

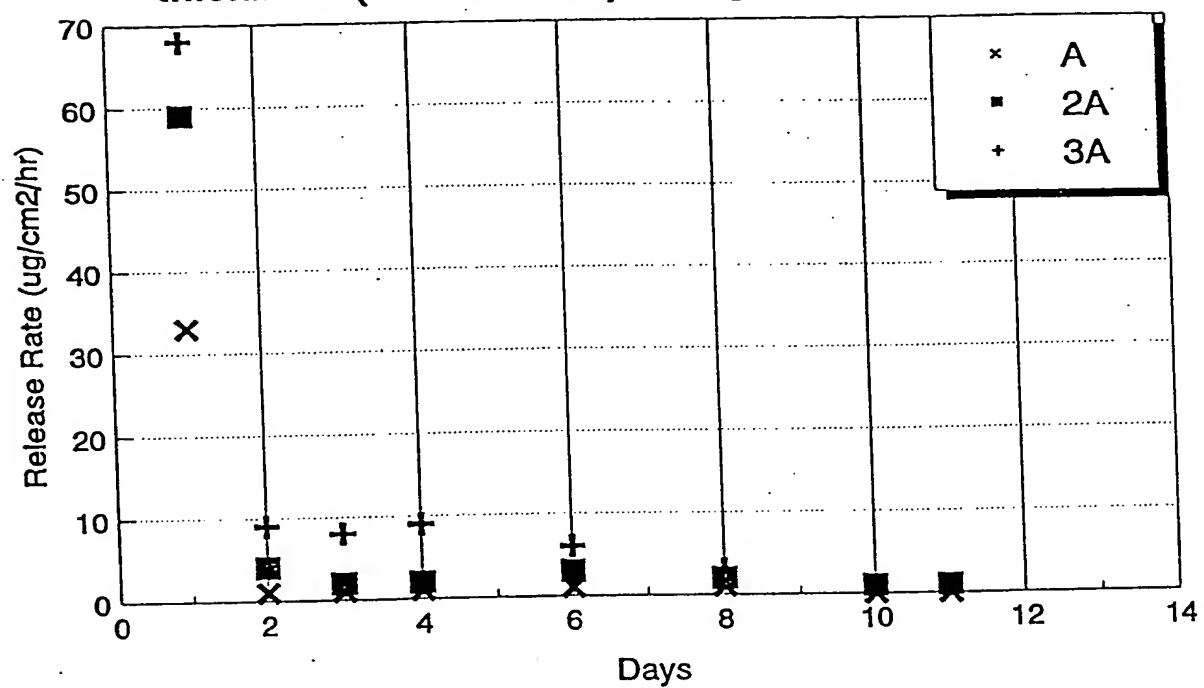


Figure 6. 37.5% Hep in tie-coat with the same tie-coat thickness and 16.7% Hep in top-coat

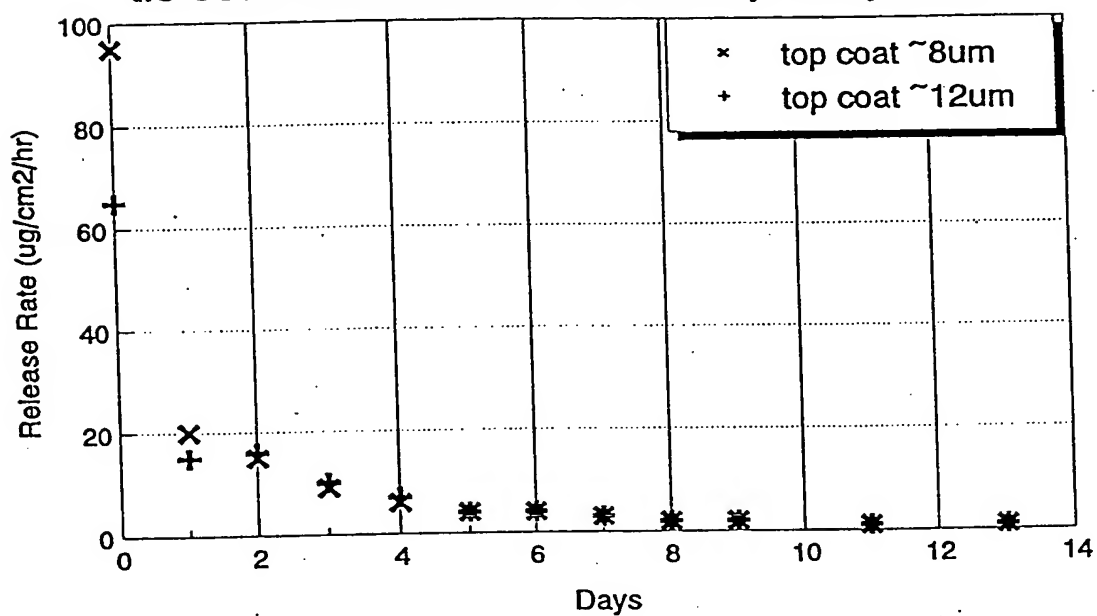


Figure 7. W or w/o fluorosilicone (FSI) top coat

Note: release rate for the coating w/o FSI is 25 times higher than w/FSI at the first two hrs (not plotted)

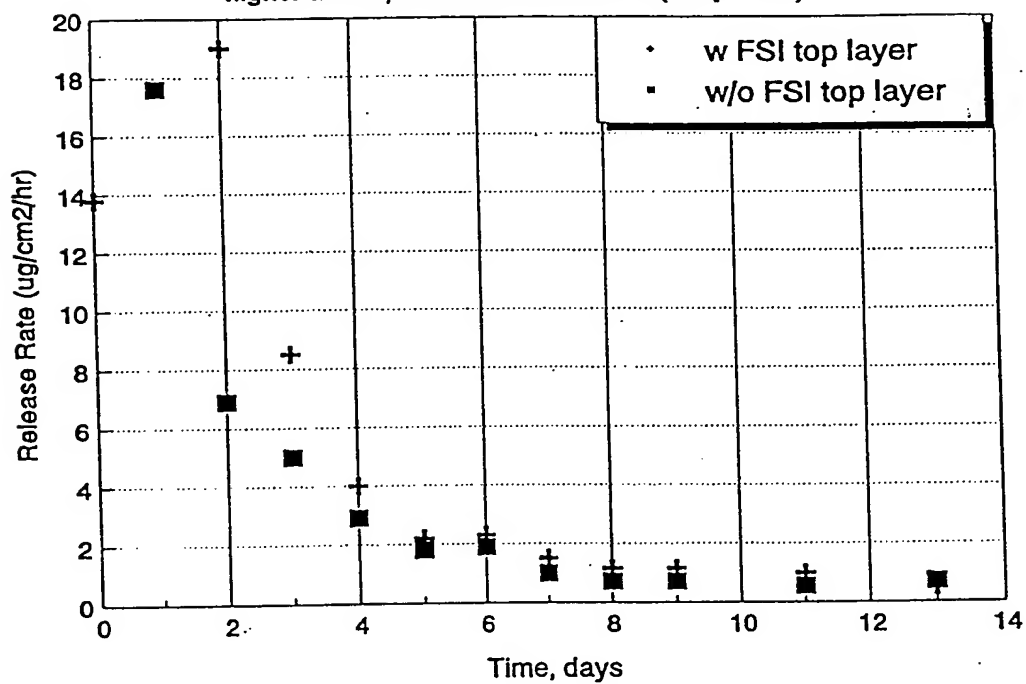
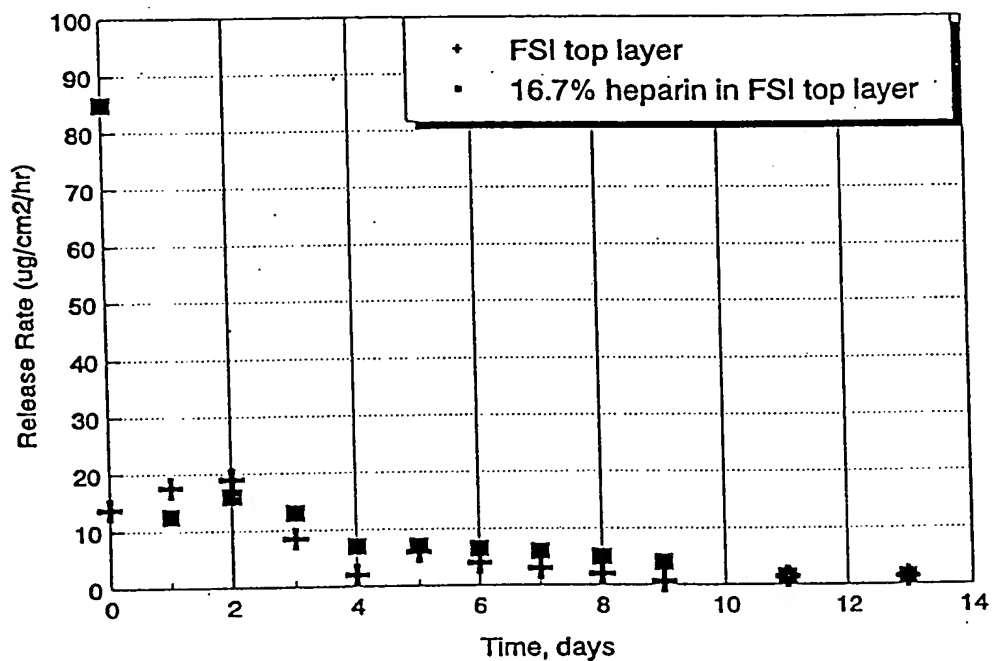


Figure 8. Comparison of fluorosilicone (FSI) top coat w or w/o heparin. The thickness of the tie coat (37.5%) heparin is about 40 micron.



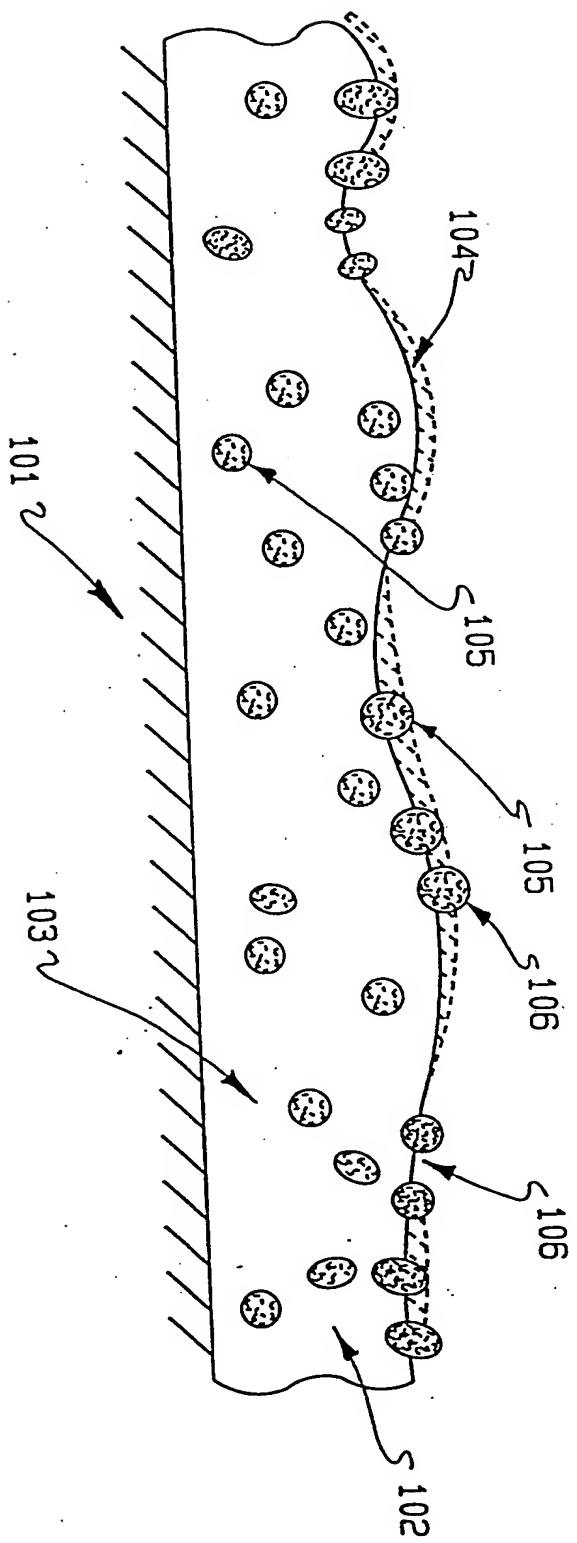


FIG. 9